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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C01C 1/04	A1	(11) International Publication Number: WO 00/01616 (43) International Publication Date: 13 January 2000 (13.01.00)
(21) International Application Number: PCT/EP99/04560 (22) International Filing Date: 1 July 1999 (01.07.99) (30) Priority Data: PA 1998 00892 2 July 1998 (02.07.98) DK (71) Applicant (for all designated States except US): HALDOR TOPSØE A/S [DK/DK]; Nymøllevej 55, DK-2800 Lyngby (DK). (72) Inventors; and (75) Inventors/Applicants (for US only): JACOBSEN, Claus, J., H. [DK/DK]; Runestien 9, DK-3630 Jaegerspris (DK). BOE, Michael [DK/DK]; Taarbaek Strandvej 86, St., DK-2930 Klampenborg (DK). (74) Agent: GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER; Maximilianstrasse 58, D-80538 München (DE).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>With amended claims and statement.</i>
(54) Title: PROCESS FOR THE PREPARATION OF AMMONIA (57) Abstract Process for the preparation of ammonia by contacting an ammonia synthesis gas with ammonia catalyst particles arranged in a fixed bed, wherein the fixed bed comprises catalyst particles of the ammonia catalyst with a particle size being in the range of < 1.5 mm and ≥ 0.2 mm.		

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